

Figure 1. Photograph taken in Little Narragansett Bay of the submerged headlands, Napatree sand soil map unit.

Results and Conclusions

The result of this endeavor is a detailed seamless map extending from the land into the estuary identifying the subaqueous soil resources and soil-landscape model at a scale of 1:12,000. Important subaqueous soil interpretations have been identified and will be developed, such as dredging (sulfidic materials), SAV and shellfish habitat, and moorings. Ancillary benefits are many and include detailed bathymetry, submerged archeological investigations, geomorphologic investigations, and ecologically meaningful characterization of important shallow water habitats, particularly necessary for eelgrass restorations. Ultimately, new partners and stakeholders will be engaged in the National Cooperative Soil Survey efforts.

